

A cross-sectional view of a multi-layered structure 11. The structure consists of several horizontal layers with different patterns: a top layer with diagonal hatching (5), a layer with horizontal dashed lines (6), a layer with a stippled pattern (7), a layer with diagonal hatching (8), a central layer with horizontal dashed lines (9) containing a circular feature (10), a layer with a cross-hatched pattern (4), a layer with horizontal dashed lines (3), and a bottom layer with diagonal hatching (1). The right side of the structure is shown with a wavy, irregular boundary.

A detailed cross-sectional view of a multi-layered optical device, such as a liquid crystal display. The device consists of several stacked layers: a top substrate (211), a top protective layer (202), a color filter layer (204) containing subpixels labeled R, G, and B, a spacer layer (209), a liquid crystal layer (207), a bottom protective layer (205), a bottom color filter layer (208), and a bottom substrate (201). The bottom substrate (201) is further divided into a base layer (203) and a buffer layer (210). A central region (206) contains a series of vertical lines, possibly representing a polarizer or a specific alignment layer. On the left side, three vertical arrows indicate distances: d_R , d_G , and d_B , corresponding to the subpixels R, G, and B respectively. On the right side, three vertical arrows indicate thicknesses: T_R , T_G , and T_B , corresponding to the subpixels R, G, and B respectively. The entire device is shown within a frame defined by dashed lines.

FIG. 3

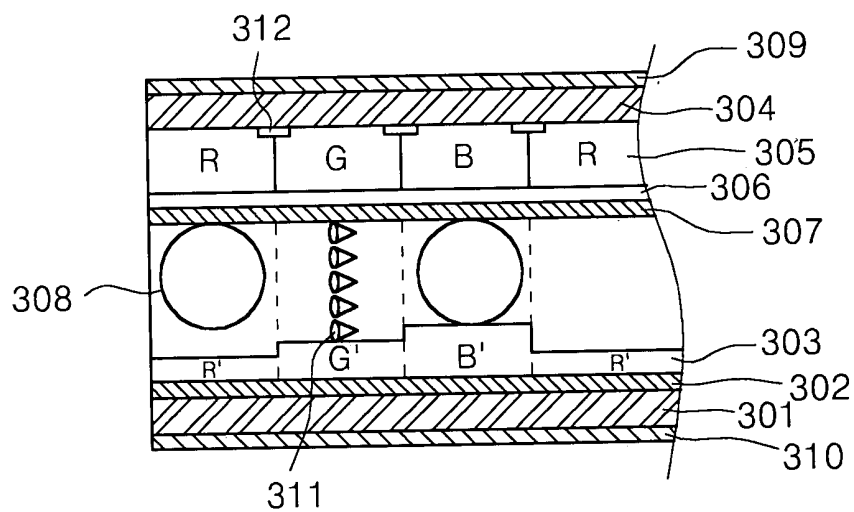


FIG. 3

FIG. 4A

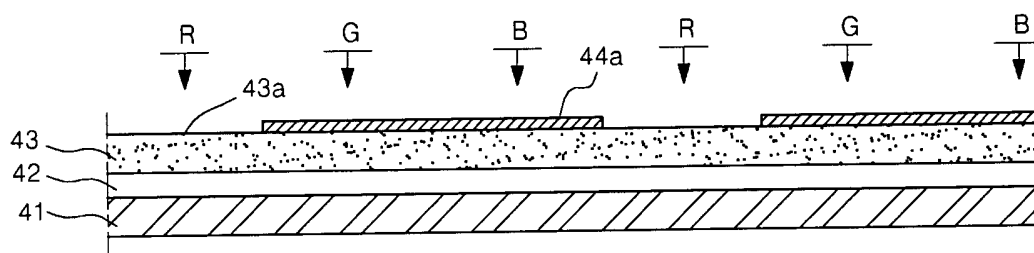


FIG. 4B

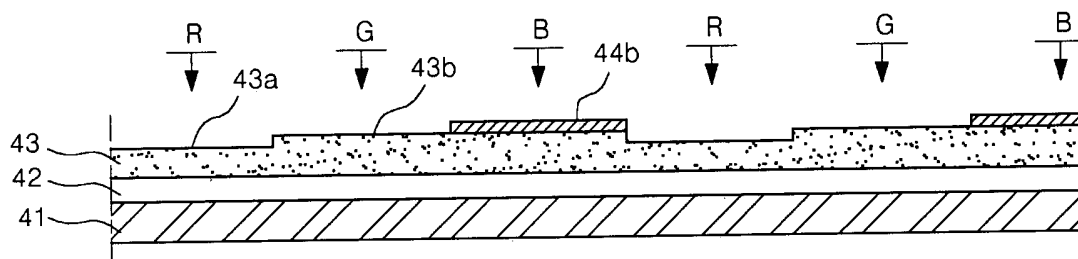


FIG. 4C

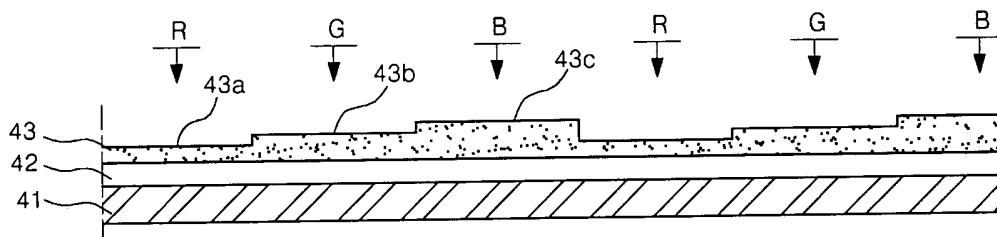


FIG. 5A

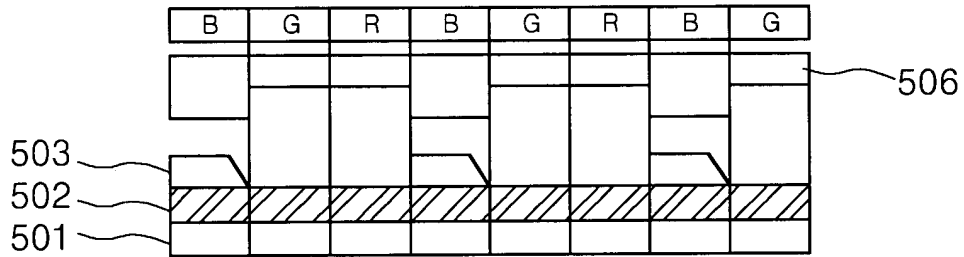


FIG. 5B

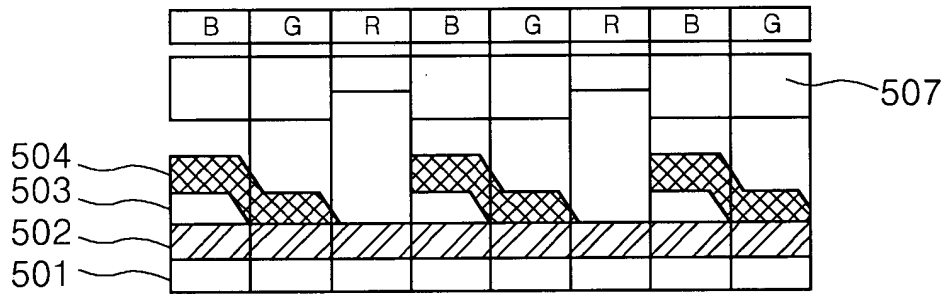


FIG. 5C

